

(19) **RU** (11) **2149518** (13) **C1**(51) **7 H04Q7/08, H04J3/12**

FEDERAL SERVICE  
FOR INTELLECTUAL PROPERTY,  
PATENTS AND TRADEMARKS

## (12) DESCRIPTIONS OF INVENTION To the patent of Russian Federation

- (21) Application number registered: **94033147/09**  
 (22) Application filing date: **1993.09.03**  
 (24) Date started of validity of the patent: **1993.09.03**  
 (31) Priority application number: **07/956640**  
 (32) Date of filing of priority application: **1992.10.05**  
 (33) Alloting country or organization: **US**  
 (45) Date: **2000.05.20**  
 (71) Applicant information: **EhRIKSSON INK (US)**  
 (72) Inventor information: **Rejt Aleks K. (US)**  
 (73) Grantee (assignee) information:  
**EhRIKSSON INK (US)**  
 (74) Attorney, agent, representative  
 information: **Argasov Oleg**  
**Vjacheslavovich**  
 (85) PCT date art. 22/39: **1994.06.03**  
 (86) PCT or regional filing information: **US**  
**93/08363 (03.09.1993)**  
 (87) PCT or regional filing information (publ.):  
**WO 94/08432 (14.04.1994)**  
 Mail address: **105023, Moskva, ul.**  
**Boi'shaja Semenovskaja 49, of.404,**  
**"Innotehk", Argasovu O.V.**

## (54) PROCESS OF TRANSMISSION OF BROADCAST INFORMATION

**FIELD:** wireless communication systems, specifically, transmission of messages over channel in cellular radio system with digital control. **SUBSTANCE:** characteristic feature of process lies in grouping of transmitted information into series of elements. Flags indicating change of information elements are formed. Information element is read only if flag indicates occurred change. Receiver can be disconnected for long time periods. According to another approach channel for information transmission can be divided into number of subchannels. Portion of information is transmitted over one of subchannels. One of flags of change is transmitted over another subchannel to indicate that transmitted portion of information is changing. Mobile station receives transmitted portion of information and flag of change. Portion of information is read in response to indication given by flag of change. **EFFECT:** provision for isolation of message transmission and reading frequencies, minimization of amount of read information and reading duration, formation of flexible format of digital controlling channel, provision for regulation of capacity of this channel and facilitated integration of mobile network. 55 cl, 10 dwg, 1 tbl